

Wood Product Coatings

Notes: Several districts have adopted wood products coating rules that establish VOC content limitations for specific coatings. Determining which rule is the most stringent is difficult because: 1) some rules have limits for specific types of coatings that are not defined in other districts; 2) some rules define compliance options where a set of limits are required to be met; 3) some rules define separate limits based on the wood product category addressed, (i.e., refinished wood, custom cabinetry, shutters); and 4) rules exempt different compounds. Thus, it is important to provide the districts flexibility when selecting the best “combination” of requirements and not always the “most stringent” requirement. Each rule should be looked at as a system of emission limits and performance requirements designed to meet the goals of a specific district’s program.

Table I (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		South Coast Rule 1136 6/14/96		Mojave Desert AQMD Rule 1114 11/25/96		SJUAPCD Rule 4606 12/19/96		BAAQMD Reg 8 Rule 32 6/19/96		San Diego County APCD Rule 67.11 8/13/97	
		Performance Standard									
PCE/TCA/Meth Chloride exemptions			Rule 102: PCE, TCA, methylene chloride		PCE,TCA, methylene chloride		Rule 1020: TCA, methylene chloride		None		Rule 2: PCE, TCA, methylene chloride
Adhesive and coating applications, general solvent limit		x	Rule 442 For sources exempt from Rule 1136, a person shall not discharge organic materials into the atmosphere from equipment in which organic solvents or materials containing organic solvents are used, unless such emissions have been reduced by at least 85 percent	x	Rule 442 A person shall not discharge organic materials into the atmosphere from equipment in which organic solvents or materials containing organic solvents are used, unless such emissions have been reduced by at least 85 percent						

Table I (1 of 2)
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		Performance Standard									
Spray coating equipment, general		x	Rule 481 A person shall not use or operate any spray painting or spray coating equipment unless one of the following conditions is met: (1) The spray coating equipment is operated inside a control enclosure (2)Coatings are applied with electrostatic and/or airless spray equipment. (3) A method of application or control is used which has an effectiveness equal to or greater than the equipment than (1) or (2) above. The provisions of this rule shall not apply to: (1) Spray coating of three gallons per day or less of coatings at a single location.								

Table I (1 of 2)
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		Performance Standard									
		(2) Spray coating of lacquers on cabinets and wood and simulated-wood surfaces adhesives, fibrous coatings, abrasive materials, portland cement mixtures, elastomers, stains, metal surface primers, or textured coatings, provided such spray coating cannot be conducted inside a control enclosure.									

Table I (1 of 2)
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		Performance Standard									
Option I (until 2005) - Sealer, clear - Topcoat, clear - Primer/sealer/ undercoat, pigmented - Topcoat, pigmented	VOC	x	- [550]{1.39} - [550]{1.37} - [550]{1.06} - [550]{1.10} sources currently meeting limits	x	-[550] -[550] -[550] -[550]	See individual limits		See individual limits		See individual limits	
Option II (until 2005) - Sealer, clear - Topcoat, clear - Primer/sealer/ undercoat,pigmented - Topcoat, pigmented	VOC	x	- [680]{3.36} - [275]{0.35} - [600]{1.08} - [275]{0.25} sources currently meeting limits	x	-[680] -[275] -[600] -[275]	See individual limits		See individual limits		See individual limits	
Topcoat, clear	VOC		- [275]{0.35}(2005)		-[275](2005)	[550] [275](1999)	x	[275] General Wood products		See Topcoat, clear: new and refinished	
Topcoat, clear: new wood product	VOC		See Topcoat, clear and Option I and II		See Topcoat, clear and Option I and II	See Topcoat, clear		See Topcoat, clear		[680] [275](2005)	
Topcoat, clear: refinished wood product	VOC		See Topcoat, clear and Option I and II		Exempt	Exempt		Exempt	x	[680]	
Topcoat, clear: shutters only	VOC	x	[680]{2.99} (until 2005)	x	[680](until 2005)	See Topcoat, clear		See Topcoat, clear		See Topcoat, clear: new and refinished	

Table I (1 of 2)
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		Performance Standard									
Topcoat, clear: custom cabinetry and custom architectural millwork	VOC		See Topcoat, clear and Option I and II		See Topcoat, clear and Option I and II		See Topcoat, clear	x	[550]		See Topcoat clear: new
Topcoat, clear: custom and contract furniture limits	VOC		See Topcoat, clear and Option I and II		See Topcoat, clear and Option I and II		See Topcoat, clear	x	[550]		See Topcoat, clear: new
Topcoat, pigmented	VOC	x	[275]{0.25}(2005)	x	[275](2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished
Topcoat, pigmented: Shutters	VOC	x	[600]{1.38} until 2005	x	[600]until 2005		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented new and refinished
Sealer, clear	VOC	x	[275]{0.36}(2005)	x	275(2005)		See Sealer, sanding		See Sealer, sanding		See Sealer: new and refinished
Sealer: new wood products	VOC		See Sealer, clear and Option I and II		See Sealer, clear and Option I and II		See Sealer, sanding		See Sealer, sanding		[680] [550](2005)
Sealer: refinished wood products	VOC		See Sealer, clear and Option I and II		See Sealer, clear and Option I and II		See Sealer, sanding		See Sealer, sanding	x	[680]
Sealer, clear: Shutters	VOC	x	[275]{0.36} until 2005	x	[275]until 2005		See Sealer, sanding		See Sealer, sanding		See Sealer: new and refinished

Table I (1 of 2)
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		Performance Standard									
Sealer, sanding	VOC		See Sealer, clear and Option I and II		See Sealer, clear and Option I and II		[550] [275](2005)	x	[550]General wood products		See Sealer: new
Sealer, sanding: custom cabinetry and custom architectural millwork	VOC		See Sealer, clear and Option I and II		See Sealer, clear and Option I and II		See Sealer, sanding	x	[550]		See Sealer: new
Sealer, sanding; custom and contract furniture limits	VOC		See Sealer, clear and Option I and II		See Sealer, clear and Option I and II		See Sealer, sanding	x	[550]		See Sealer, new
Sealer, pigmented	VOC	x	[275]{0.21}(2005)	x	[275](2005)		See Sealer, sanding		See Sealer, sanding		See Sealer: new and refinished
Sealer, pigmented: Shutters	VOC	x	[275]{0.33}(until 2005)	x	[275] (until 2005)		See Sealer, sanding		See Sealer, sanding		See Sealer: new and refinished
Primer, pigmented	VOC	x	[275]{0.21}(2005)	x	[275](2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished
Primer, pigmented: Shutters	VOC	x	[275]{0.33} (until 2005)	x	[275] (until 2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished
Undercoat, pigmented	VOC	x	[275]{0.21}(2005)	x	[275](2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished
Undercoat, pigmented: Shutters	VOC	x	[275]{0.33} (until 2005)	x	[275] (until 2005)		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished

Table I (1 of 2)
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		Performance Standard									
Barrier coat, plastic component	VOC	x	[760]{3.9} [275]{0.28}(2005)		See Undercoat, pigmented		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished
Filler, composite wood edge	VOC	x	[550]{1.15} [275{0.31}]](2005)		See Filler		See Filler		See Filler		See Filler: new and refinished
Coating, extreme performance	VOC	x	[420]{0.51} [275{0.33}]](2005)								
Filler	VOC		[500]{0.66} [275]{0.18}(2005)		[500] [275]2005	x	[500] [275](1999)		[500]General		See Filler: new and refinished
Filler, new wood product	VOC		See Filler		See Filler		See Filler		See Filler		[500]
Filler, refinished wood product	VOC		See Filler		Exempt		Exempt		Exempt	x	[500]
Filler, custom cabinetry and custom architectural millwork	VOC		See Filler		See Filler		See Filler	x	[500]		See Filler: new and refinished
Filler, custom and contract furniture limits	VOC		See Filler		See Filler		See Filler	x	[500]		See Filler: new and refinished
Stain, high- solid	VOC	x	[550]{1.23} [3501{0.42}]](2005)	x	[550] [350](2005)	x	[700] [240](1999)		[700]General wood products		See Stain, high-solid: new and refinished
Stain, high-solid: new	VOC		See Stain, high-solid		See Stain, high-solid		See Stain, high-solid		See Stain, high-solid		[700]

Table I (1 of 2)
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		Performance Standard									
wood products											[550](2005)
Stain, high-solid: refinished wood products	VOC		See Stain, high-solid		Exempt		Exempt		Exempt	x	[700]
Stain, high-solid: custom cabinetry and custom architectural millwork	VOC		See Stain, high-solid		See Stain, high-solid		See Stain, high-solid	x	[700]		See Stain, high-solid; new
Stain, high-solid: custom and contract furniture limits	VOC		See Stain, high-solid		See Stain, high-solid		See Stain, high-solid	x	[700]		See Stain, high-solid; new
Inks	VOC	x	[500]{0.96}	x	[500]	x	[500]				See Ink: new and refinished
Inks, new wood products	VOC		See Inks		See Inks		See Inks			x	[500]
Inks, refinished wood products	VOC		See Inks		Exempt		Exempt		Exempt	x	[500]
Coating, mold-seal	VOC	x	[750]{4.2}	x	[750]	x	[750]				See Any other coating: new and refinished
Coating, mold-seal: new wood products	VOC		See Coating, mold-seal		See Coating, mold-seal		See Coating, mold-seal				See Any other coating: new and refinished
Coating, mold-seal:	VOC		See Coating, mold-seal		Exempt		Exempt		Exempt		See Any other coating:

Table I (1 of 2)
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		Performance Standard									
refinished wood products											new and refinished
Coating, multi-color	VOC		[685]{2.6} [275]{0.33}(2005)		[685] [275](2005)	x	[275]				See Any other coating: new and refinished
Coating, multi-color: new wood products	VOC		See Coating, multi-color		See Coating, multi-color		See Coating, multi-color				[685]
Coating, multi-color: refinished wood products	VOC		See Coating, multi-color		Exempt		Exempt		Exempt		[685]
Barrier coat, low-solid plastic component	VOC	x	[760] [120](2005)		See Undercoat, pigmented		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished
Stain, low-solid	VOC		[480] [120](2005)		[480] [120]	x	[480] [120](1999)		[480]General wood products		See Stain, low-solid: new and refinished
Stain, low-solid: new wood products	VOC		See Stain, low-solid		See Stain, low-solid		See Stain, low-solid		See Stain, low-solid		[700] [480](2005)
Stain, low-solid: refinished wood products	VOC		See Stain, low-solid		Exempt		Exempt		Exempt		[700]

Table I (1 of 2)
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		Performance Standard									
Stain, low-solid: custom cabinetry and custom architectural millwork	VOC		See Stain, low-solid		See Stain, low-solid		See Stain, low-solid	x	[480]		See Stain, low-solid: new and refinished
Stain, low-solid: custom and contract furniture limits	VOC		See Stain, low-solid		See Stain, low-solid		See Stain, low-solid	x	[480]		See Stain, low-solid: new and refinished
Toner, low-solid	VOC	x	[480] [120](2005)	x	[480] [120](2005)						See Toner, low-solid: new and refinished
Toner, low-solid: new wood products	VOC		See Toner, low-solid		See Toner, low-solid						[700] [480](2005)
Toner, low-solid, refinished wood products	VOC		See Toner, low-solid		Exempt		Exempt		Exempt		[700]
Washcoat, low-solid	VOC		[480] [120](2005)		[480] [120](2005)				[480]General wood products		See Washcoat, low-solid: new and refinished
Washcoat, low-solid: new wood products	VOC		See Washcoat, low-solid		See Washcoat, low-solid						[700] [480](2005)

Table I (1 of 2)
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		Performance Standard									
Washcoat, low-solid: refinished wood products	VOC		See Washcoat, low-solid		Exempt		Exempt		Exempt		[700]
Washcoat, low-solid: custom cabinetry and custom architectural millwork	VOC		See Washcoat, low-solid		See Washcoat, low- solid			x	[480]		See Washcoat, low-solid: new
Washcoat, low-solid: custom and contract furniture limits	VOC		See Washcoat, low-solid		See Washcoat, low- solid			x	[480]		See Washcoat, low-solid: new
Coating, pigmented	VOC		See specific pig. coating limits and Option I and II		See specific pig. coating limits and Option I and II		[550] [275](1999)	x	[275]General wood products		See Coating, pigmented: new and refinished
Coating, pigmented: new wood products	VOC		See specific pig. coating limits and Option I and II		See specific pig. coating limits and Option I and II		See Coating, pigmented		See Coating, pigmented		[600] [275](2005)
Coating, pigmented: refinished wood products	VOC		See specific pig. coating limits and Option I and II		Exempt		Exempt		Exempt	x	[600]
Coating, pigmented: custom cabinetry and custom architectural millwork	VOC		See specific pig. coating limits and Option I and II		See specific pig. coating limits and Option I and II		See Coating, pigmented	x	[550]		See Coating, pigmented: new and refinished
Coating, pigmented:	VOC		See specific pig.		See specific pig.		See Coating,	x	[550]		See Coating, pigmented:

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		Performance Standard									
custom and contract furniture limits			coating limits and Option I and II		coating limits and Option I and II		pigmented				new and refinished
Strippers	VOC		[350] or VP=2mm Hg/0.04psia		[350]		[350] [450] Spraybooth			x	[200] VP=20mmHg
Adhesives	VOC				[250]			x	Rule 8 Reg 5 -Contact Bond Adhesive [200]		
Varnish, conversion	VOC									x	[550]New
Solvents, surface prep. And clean-up	VOC		Rule 1171 [950] coating application equipment 35 mm Hg		[200]		[200] [950]coating application equipment, only. 35mmHg			x	[200] VP=20mmHg BP=190C
Coating, medium density fiberboard: new wood products	VOC									x	[680] [550](2005)
Coating, medium density fiberboard: refinished wood products	VOC									x	[680]
Any other coating: new wood products	VOC									x	[420] [275](2005)

Table I (1 of 2)
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		Performance Standard									
Any other coating: refinished wood products	VOC									x	[420]
Topcoat, waterborne	VOC		See topcoat limits and Option I and II		See topcoat limits and Option I and II		See Topcoat, clear		See Topcoat, clear		See Topcoat, clear: new and refinished
CTG option - Topcoat - Sealer	VOC		See individual limits		See individual limits		See individual limits		See individual limits		See individual limits
CTG option - Acid-cured alkyd amino conversion varnish topcoat -acid-cured alkyd amino vinyl sealer	VOC		See individual limits		See individual limits		See individual limits		See individual limits		See individual limits
CTG option - Acid-cured alkyd amino conversion varnish topcoat -sealer	VOC		See individual limits		See individual limits		See individual limits		See individual limits		See individual limits
-CTG option - Sealer -Topcoat -Acid-cured alkyd amino vinyl sealer	VOC		See individual limits		See individual limits		See individual limits		See individual limits		See individual limits
Topcoat			See Topcoat, clear;		See Topcoat, clear;		See Topcoat, clear; and		See Topcoat, clear; and		See Topcoat, clear: new

Table I (1 of 2)
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		Performance Standard									
			Topcoat, pigmented; and Option I and II		Topcoat, pigmented; and Option I and II		Coating, pigmented		Coating, pigmented		and refinished
Washcoat			See Washcoat, low-solid		See Washcoat, low-solid				See Washcoat, low-solid		See Washcoat, lowsolid: new and refinished
Sealer			See Sealer, clear; and Option I and II		See Sealer, clear; and Option I and II		See Sealer, sanding		See Sealer, sanding		See Sealer; new and refinished
Stain			See specific stain limits		See specific stain limits		See specific stain limits		See specific stain limits		See specific stain limits
Basecoat	VOC		See Undercoat limits		See Undercoat limits		See Coating, pigmented		See Coating, pigmented		See Coating, pigmented: new and refinished
Enamel	VOC										
Thinner	VOC	x	included in as applied limit	x	included in as applied limit	x	included in as applied limit	x	included in as applied limit	x	included in as applied limit

Table I (1 of 2)
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		Performance Standard									
Control Equipment Requirements	VOC	x	Equivalent to reduction in VOC emission associated with application of VOC limits(Equation)	x	Overall control efficiency of at least 85%	x	Overall capture and control efficiency of 85% ; minimum required control efficiency equal to application of VOC limits(Equation)			x	Capture and control efficiency of 85%
Transfer Efficiency	VOC	x	use one of the following methods: - electrostatic - flow coat - dip coat - HVLP spray - paint brush - hand roller - roll coater - other 65% transfer eff	x	use one of the following methods: - flowcoat - dip coat - HVLP spray - paint brush - hand roller - roll coater - other 65% transfer eff	x	use one of the following methods: - electrostatic - flowcoat - dip coat - HVLP spray - paint brush - hand roller - roll coater - detail or touch-up guns - other 65% transfer eff			use one of the following methods: - airless - air assisted airless - electrostatic - HVLP spray - detail or touch-up guns	use one of the following methods: - electrostatic - flow coat - dip coat - HVLP spray - hand application method - roll coater - other transfer efficiency equal to one of the above

Table I (1 of 2)
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		Performance Standard									
Emission Averaging		x	-Actual emissions from coatings being averaged less than 90% of the allowable emissions - daily basis - 100% after 2005 - Plan required pursuant to Rule 221					-Compliance with VOC limits may be achieved by averaging . -Compliance may be demonstrated by averaging for multiple day periods on a rolling basis for a period no greater than thirty days -Plan required			
Alternative Emission Control Plan			Pursuant to Rule 108 NO SOURCES							Pursuant to Rule 67.1	
Work Practice Standard: Solvent Cleaning Operations		x	Pursuant to Rule 1171 Cleaning devices: -wipe cleaning -closed containers hand-held spray bottle without propellant -Cleaning equipment which has a solvent container that can be, and is closed during cleaning operations, except when depositing and removing objects to be cleaned, and is closed during		-Closed, nonabsorbant containers for storage or disposal of cloth or paper used -Store fresh or spent solvent in a closed container - Bans use of organic compounds in clean-up of spray equipment unless equipment for collecting cleaning compounds and minimizing evaporation is used		- Closed, nonabsorbant containers for storage or disposal of solvent laden cloth or paper -Store fresh or spent solvents in closed containers -Keep containers of stripper, coating, adhesive, catalyst closed when not in use. - Spray equipment cleaned in enclosed system		-Close d containers for storage or disposal of cloth or paper used for solvent prep or clean-up. - Store fresh or spent solvent in closed containers - Bans use of organic compounds for clean-up of mixing, storage, or spray equipment, unless collecting equipment used. -keep stripper, coating, adhesive, catalyst,		-Cleaning of application equipment: 1) equipment parts cleaned in container that is kept closed except when adding or draining cleaning material or equipment parts. 2) system used that totally encloses the component parts being cleaned 3) other APCO approved devices 4)Spray application equipment shall not be used to

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		Performance Standard									
		<div>nonoperation with the exception of maintenance and repair to the cleaning equipment itself; -Non-atomized solvent flow method -Solvent flushing method - Remote Reservoir Cleaners</div> <div>Storage and disposal - All VOC-containing solvents, used in solvent cleaning operations, shall be stored in non-absorbent, non-leaking containers which shall be kept closed at all times except when filling or emptying. It is recommended that cloth and paper moistened with VOC-containing solvents be stored in closed, non-absorbent, non-leaking containers.</div>						thinner containers closed when not in use.		dispose waste coatings into the air.	

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		South Coast Rule 1136 6/14/96		Mojave Desert AQMD Rule 1114 11/25/96		SJUAPCD Rule 4606 12/19/96		BAAQMD Reg 8 Rule 32 6/19/96		San Diego County APCD Rule 67.11 8/13/97		
		Performance Standard										
			Control Equipment - a person may comply by using a VOC emission collection and control system in association with the solvent cleaning operation provided the emission control system shall collect at least 90 percent, by weight, of the emissions generated and have a destruction efficiency of at least 95 percent, by weight, or less than 50 parts per million (PPM) as carbon with no dilution									
Work Practice Standard: Work Practice Implementation Plan												
Work Practice Standard: Operator Training Course												

Table I (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		South Coast Rule 1136 6/14/96		Mojave Desert AQMD Rule 1114 11/25/96		SJUAPCD Rule 4606 12/19/96		BAAQMD Reg 8 Rule 32 6/19/96		San Diego County APCD Rule 67.11 8/13/97	
		Performance Standard									
Work Practice Standard: Inspection and Maintenance Plan											
Work Practice Standard: Formulation Assessment Plan											
Work Practice Standard: Cleaning and Washoff Solvent Accounting System											

Table I (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date					
		South Coast Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97	
		Performance Standard					
Monitoring, Recordkeeping, and Reporting: Records		N Q - Rule 109: records maintained for 2 years; method of application; amount and type of coating, adhesive, solvent; amount of dilutant surface prep., solvent; VOC content; where appropriate vapor pressure -Control equipment: continuous monitoring records maintained for 2 years. - VOC content of coatings in lbs. VOC/lbs solid.	N Q All records retained for 5 years Available during inspection - list of coatings - coating, catalyst, reducer used -mix ratio -VOC content, as applied Daily records -coating and mix ratios -quantity of coating -type and amount of solvent used -daily records of key monitoring equipment parameters and maintenance	N Q All records retained for 2 years - list of coatings - mix ratio -VOC content, as applied -VOC content of solvents Daily records -coating and mix ratio -quantity of coating -id of coating category -type and amount of solvent used Refinishing, Replacement, and custom furniture: -coating, catalyst, reducer used -mix ratio -VOC content Daily records -amount of coating, catalyst, reducer used -type and amount of solvent used -type of stripper	N Q General: - coating, catalyst, reducer used -mix ratio -VOC content -solids content Daily records -coating and mix ratio -quantity of coating used -id of coating category -type and amount of solvent used for clean-up and surface prep. -key operating parameters of C.E - records retained for 2 months Refinishing, Replacement, and Custom Replica Furniture -coating, catalyst reducer used -mix ratio -VOC content Monthly basis -amount of coating,	N Q All records maintained for 3 years -list of coatings, strippers, surface prep and cleaning material -mix ratio -VOC content, vapor pressure -coating category -maintain daily or monthly records of materials used - maintain records of dates and amount of material added to coating dip tanks Control Equipment: - same as above plus: - daily records of coatings not in compliance - daily records of key operating parameters	

Table I (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
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		Performance Standard									
							-wood product types -Key operating parameters of C.E.		catalyst, reducer used -type and amount solvent used for clean- up and surface prep. -type and amount of stripper used. Custom architectural millwork and cabinetry recordkeeping -maintain and make available job orders, shop drawings or blueprints, designer or architectural drawings		
Monitoring, Recordkeeping, and Reporting: Emission averaging		N Q	-Emission averaging plan								

Notes: Regarding coating requirements - Units are [grams per liter] and {lbs-VOC/lbs-solids]
Values in () are years future standards are implemented

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date							
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard							
PCE/TCA/Meth Chloride exemptions		Rule 2: TCA, methylene chloride	40 CFR 51.100: PCE, TCA, methylene chloride	Does not exempt TCA, PCE, methylene chloride					
Adhesive and coating applications, general solvent limit									
Spray coating equipment, general									
Option I - Sealer, clear - Topcoat, clear - Primer/sealer/undercoat, pigmented - Topcoat, pigmented	VOC	See individual limits	See CTG Options						

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date						
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.				
		Performance Standard						
Option II - Sealer, clear - Topcoat, clear - Primer/sealer/ undercoat, pigmented - Topcoat, pigmented	VOC		See individual limits	See CTG Options				
Topcoat, clear	VOC		See Topcoat, clear: New and refinished	See Topcoat, waterborne and CTG options	See Topcoat			
Topcoat, clear: new wood product	VOC	x	[275] sources currently meeting limit	See Topcoat, waterborne and CTG options	See Topcoat			
Topcoat, clear: refinished wood product	VOC	x	[680] sources currently meeting limit	See Topcoat, waterborne and CTG options	See Topcoat			
Topcoat, clear: shutters only	VOC		See Topcoat, clear: new and refinished	See Topcoat, waterborne and CTG options	See Topcoat			
Topcoat, clear: custom	VOC		See Topcoat, clear: new	See Topcoat,	See Topcoat			

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC		CTG 9/27/96		NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard									
cabinetry and custom architectural millwork					waterborne and CTG options						
Topcoat, clear: custom and contract furniture limits	VOC		See Topcoat, clear: new		See Topcoat, waterborne and CTG options		See Topcoat				
Topcoat, pigmented	VOC		See Coating, pigmented: new and refinished		See Topcoat, waterborne and CTG options		See Topcoat				
Topcoat, pigmented: Shutters	VOC		See Coating, pigmented: new and refinished		See Topcoat, waterborne and CTG options		See Topcoat				
Sealer, clear	VOC		See Sealer: new and refinished		See CTG options		See Sealer				
Sealer, new wood products	VOC	x	[240] source currently meeting limit		See CTG options		See Sealer				

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date						
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.				
		Performance Standard						
Sealer: refinished wood products	VOC	x [680] source currently meeting limit	See CTG options	See Sealer				
Sealer, clear: Shutters	VOC	See Sealer: new and refinished	See CTG options	See Sealer				
Sealer, sanding	VOC	See Sealer: new	See CTG options	See Sealer				
Sealer, sanding: custom cabinetry and custom architectural millwork	VOC	See Sealer: new	See CTG options	See Sealer				
Sealer, sanding; custom and contract furniture limits	VOC	See Sealer: new	See CTG options	See Sealer				
Sealer, pigmented	VOC	See Sealer: new and refinished	See CTG options	See Sealer				
Sealer, pigmented: Shutters	VOC	See Sealer: new and refinished	See CTG options	See Sealer				
Primer, pigmented	VOC	See coating, pigmented: new and refinished	See CTG options					

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date							
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard							
Primer, pigmented: Shutters	VOC		See Coating, pigmented: new and refinished	See CTG options					
Undercoat, pigmented	VOC		See Coating, pigmented: new and refinished	See CTG options					
Undercoat, pigmented: Shutters	VOC		See Coating, pigmented: new and refinished	See CTG options					
Barrier coat, plastic component	VOC		See Coating, pigmented: new and refinished	See CTG options					
Filler, composite wood edge	VOC		See Filler new and refinished						
Coating, extreme performance	VOC								

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.							
		Performance Standard									
Filler	VOC		See Filler: new and refinished								
Filler, new wood product	VOC	x	[275] district unsure as to whether limit is currently being met								
Filler, refinished wood product	VOC	x	[500] district unsure as to whether limit is currently being met								
Filler, custom cabinetry and custom architectural millwork	VOC		See Filler: new								
Filler, custom and contract furniture limits	VOC		See Filler: new								
Stain, high- solid	VOC		See Stain, high-solid; new and refinished			See Stain					

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date							
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard							
Stain, high-solid: new wood products	VOC	x	[240] source currently meeting limit			See Stain			
Stain, high-solid: refinished wood products	VOC	x	[700] source currently meeting limit			See Stain			
Stain, high-solid: custom cabinetry and custom architectural millwork	VOC		See Stain, high-solid: new			See Stain			
Stain, high-solid: custom and contract furniture limits	VOC		See Stain, high-solid: new			See Stain			
Inks	VOC		See Ink: new and refinished						
Inks, new wood products	VOC	x	[500]						

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.							
		Performance Standard									
Inks, refinished wood products	VOC	x	[500]								
Coating, mold-seal	VOC		See Coating, mold-seal: new and refinished								
Coating, mold-seal: new wood products	VOC	x	[750]								
Coating, mold-seal: refinished wood products	VOC	x	[750]								
Coating, multi-color	VOC		See Coating, multi-color: new and refinished								
Coating, multi-color: new wood products	VOC	x	[275] district unsure as to whether limit is currently being met								

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.							
		Performance Standard									
Coating, multi-color: refinished wood products	VOC	x	[680] district unsure as to whether limit is currently being met								
Barrier coat, low-solid plastic component	VOC		See Coating, pigmented: new and refinished								
Stain, low-solid	VOC		See Stain, low-solid: new and refinished			See Stain					
Stain, low-solid: new wood products	VOC	x	[120] district unsure as to whether limit is currently being met			See Stain					

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date							
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard							
Stain, low-solid: refinished wood products	VOC	x	[480] district unsure as to whether limit is currently being met			See Stain			
Stain, low-solid: custom cabinetry and custom architectural millwork	VOC		See Stain, low-solid: new			See Stain			
Stain, low-solid: custom and contract furniture limits	VOC		See Stain, low-solid: new			See Stain			
Toner, low-solid	VOC		See Toner, low-solid: new and refinished						
Toner, low-solid: new wood products	VOC	x	[120] district unsure as to whether limit is currently being met						

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date							
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard							
Toner, low-solid, refinished wood products	VOC	x	[480] district unsure as to whether limit is currently being met						
Washcoat, low-solid	VOC		See Washcoat, low-solid: new and refinished			See Washcoat			
Washcoat, low-solid: new wood products	VOC	x	[120] district unsure as to whether limit is currently being met			See Washcoat			
Washcoat, low-solid: refinished wood products	VOC	x	[480] district unsure as to whether limit is currently being met			See Washcoat			
Washcoat, low-solid: custom cabinetry and custom architectural millwork	VOC		See Washcoat, low-solid: new			See Washcoat			
Washcoat, low-solid:	VOC		See Washcoat, low-			See Washcoat			

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC		CTG 9/27/96		NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard									
custom and contract furniture limits			solid: new								
Coating, pigmented	VOC		See Coating, pigmented: new and refinished								
Coating, pigmented: new wood products	VOC	x	[275] source currently meeting limit								
Coating, pigmented: refinished wood products	VOC	x	[600] source currently meeting limit								
Coating, pigmented: custom cabinetry and custom architectural millwork	VOC		See Coating, pigmented: new								
Coating, pigmented: custom and contract furniture limits	VOC		See Coating, pigmented: new								
Strippers	VOC	x	[350] or 2mm Hg 0.04 psia	x	(0.8)Spray booth		(0.8)Spray booth				

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.							
		Performance Standard									
Adhesives	VOC						Foam Adhesives -{1.8}Existing -{0.2}New Source Others -{1.0} Existing -{0.2} New Source (existing sources <50 tons of HAP per year 12/98)				
Varnish, conversion	VOC										
Solvents, surface prep. And clean-up	VOC	x	[200] 45mm Hg								
Coating, medium density fiberboard: new wood products	VOC										

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC	CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.							
		Performance Standard									
Coating, medium density fiberboard: refinished wood products	VOC										
Any other coating: new wood products	VOC										
Any other coating: refinished wood products	VOC										
Topcoat, waterborne	VOC		x {0.8}								
CTG option - Topcoat - Sealer	VOC	See individual limits	x {-1.8} x {-1.9}								

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date							
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		Performance Standard							
CTG option - Acid-cured alkyd amino conversion varnish topcoat -acid-cured alkyd amino vinyl sealer	VOC	See individual limits	x	-{2.0} -{2.3}					
CTG option - Acid-cured alkyd amino conversion varnish topcoat -sealer	VOC	See individual limits	x	-{2.0} -{1.9}					
-CTG option - Sealer -Topcoat -Acid-cured alkyd amino vinyl sealer	VOC/ROC	See individual limits	x	-{1.8} -{2.3}					

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date								
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC		CTG 9/27/96		NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.				
		Performance Standard								
Topcoat			See Topcoat, clear limit		See Topcoat, waterborne and CTG options		-{1.0}Existing Source -{0.8}New Source (existing sources <50 tons of HAP per year 12/98)			
Washcoat			See washcoat, low solid: new and refinished				-{1.0}Existing Source -{0.8}New Source (existing sources <50 tons of HAP per year 12/98)			
Sealer			See Sealer: new and refinished		See CTG options		-{1.0}Existing Source -{0.8}New Source (existing sources <50 tons of HAP per year 12/98)			
Stain			See Stain, high-solid and stain, low-solid: new and refinished				-{1.0}Existing Source -{1.0}New Source (existing sources <50 tons of HAP per year 12/98)			

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

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		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC		CTG 9/27/96		NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard									
Basecoat							-{1.0} Existing -{0.8} New Source (existing sources <50 tons of HAP per year 12/98)				
Enamel							-{1.0} Existing -{0.8} New Source (existing sources <50 tons of HAP per year 12/98)				
Thinner		x	included in as-applied limit				-{10.0} Existing -{10.0} New Source -3.0% VHAP by weight if used to thin washcoat, basecoat or enamel onsite (existing sources <50 tons of HAP per year 12/98)				

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date										
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		Performance Standard										
Control equipment requirement	VOC		Combined capture and control efficiency of 80%		x	use a control system that will provide an equivalent emission reduction as VOC limits. (Equation)		Control device must operate at an efficiency that is equivalent to {1.0} existing or {0.8}new. For adhesives {1.0} existing or {0.2}adhesives Equation. (existing sources <50 tons of HAP per year 12/98)				

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Identification of Performance Standards
Source Category: Wood Product Coatings

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		Performance Standard							
Transfer Efficiency		use one of the following methods: - electrostatic (60KV) - flow coat - dip coat - HVLP spray - paint brush - hand roller - roll coater -air assisted, airless spray(7/1/2000) - other 65% transfer eff	Conventional gun: air spray guns can be used only as follows: - touch-up and repair - finishing material less than 1.0lb VOC/lb solid -automated spray - cumulative application less than 5.0% total gallons - only tech/economic feasible method	Conventional gun: air spray guns can be used only as follows: - touch-up and repair - finishing material less than 1.0lb VOC/lb solid -automated spray - cumulative application less than 5.0% total gallons - only tech/economic feasible method					

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

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		Performance Standard						
Emission Averaging				-Averaging allowed using lower of actual vs. allowable values -Daily average. -Average must be less than or equal to 90% of coatings meeting standard		Averaging allowed for finishing materials only. Monthly average. For existing sources, the average VHAP content for all finishing materials must be no greater than 1.0 lb VHAP/lb solids. New source, the limit is 0.8. ALL coatings not just specific coatings with emission limits must be included in averaging equation.		

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

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		Performance Standard						
Alternative Emission Control Plan			Use any combination of an averaging approach, compliant finishing material, and control system.	Use any combination of an averaging approach, compliant finishing material, and control system.				

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date							
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		Performance Standard							
Work Practice Standards: Solvent Cleaning Operations		x	-ROC-containing materials for spray equipment cleaning cannot be used unless system used is, or equivalent to via test, an enclosed gun washer or “low emission spray gun cleaner” or pressure is 45mm Hg. -Storage of ROC-containing materials in closed non-leak absorbant containers.	x	-Spray Booth: use no more than 1 gallon of organic solvent per booth -Storage: normally closed containers (ncc)for finishing, gluing, cleaning and washoff. -Line cleaning: pump or drain solvent into ncc. -Gun cleaning: collect cosolvent and store in ncc. -Washoff: use ncc	-Spray Booth: use no more than 1 gallon of organic solvent per booth -Storage: normally closed containers (ncc)for finishing, gluing, cleaning and washoff. -Line cleaning: pump or drain solvent into ncc. -Gun cleaning: collect cosolvent and store in ncc. -Washoff: use ncc -Table 4 of NESHAP id’s pollutants excluded from use in washoff			

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
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		Performance Standard									
Work Practice Standard: Work Practice Implementation Plan				N Q	Develop a plan to implement WPS and maintain onsite		Develop a plan to implement WPS and maintain onsite				
Work Practice Standard: Operator Training Course				N Q	-Train all operators on proper application, clean-up, and equipment use - Write a training program and retain onsite		-Train all operators on proper application, clean-up, and equipment use - Write a training program and retain onsite				
Work Practice Standard: Leak Inspection and Maintenance Plan				N Q	-Develop written inspection and maintenance plan to address and prevent leaks. The plan should identify a minimum inspection frequency of once per month and procedures for addressing malfunctions		-Develop written inspection and maintenance plan to address and prevent leaks. The plan should identify a minimum inspection frequency of once per month and procedures for addressing malfunctions				

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC		CTG 9/27/96		NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard									
Work Practice Standard: Formulation Assessment Plan							-Identify VHAPs of potential concern used in finishing operations. Establish a baseline level for each VHAP. If exceeded, the source shall develop a plan to reduce usage.				
Work Practice Standard: Cleaning and Washoff Solvent Accounting System				N Q	-Maintain a log of the quantity and type of solvent used for washoff and cleaning. -Maintain a log of the number of pieces washed-off and the reason for the washoff		-Maintain a log of the quantity and type of solvent used for washoff and cleaning. -Maintain a log of the number of pieces washed-off and the reason for the washoff				

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date							
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC		CTG 9/27/96		NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.			
		Performance Standard							
Monitoring, Recordkeeping, and Reporting: Records		N	Retain records for 2 years	N	Compliant coatings:	Compliant coatings:			
		Q	- list of coatings in use and storage, include mix ratio, ROC content as applied - list solvent and stripper in use and storage, include manufacturer, ROC content, partial pressure -daily records on amount coating,stripper, solvent used; ROC content ea.; density ea. Monthly records if only compliant coatings are kept -Emission control system: daily record of	Q	-Certified Public Data Sheets (CPDS) for each coating -Data sheets showing thinner usage and calculation of VOC content, as applied. - reservoir solvent and finishing material info for continuous coaters calculation Add-on control -CPDS -copies of calculations demonstrating equivalency of control system. -records of the daily average value of each continuously monitored parameter -pressure drop info as	-Certified Public Data Sheets (CPDS) for each coating -Data sheets showing thinner usage and calculation of VHAP, in lb VHAP/lbs solid content, as applied. - reservoir solvent and finishing material inf for continuous coaters Add-on control -CPDS -copies of calculations demonstrating equivalency of control system. -records of the daily average value of each			

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date					
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC		CTG 9/27/96	NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.		
		Performance Standard					
		key system operating parameters and maintenance procedures	required. Work practice standard records: - Operator training program - Inspection and maintenance plan - Cleaning and washoff solvent accounting system - Spray booth cleaning - Application equipment requirements	continuously monitored parameter -pressure drop info as required. Adhesives -CPDS - if thinned, thinner usage, VHAP content as applied -records documenting process contact adhesive was used -Add-on control: CPDS; copies of calculations for control system; daily average value of each continuously monitored parameter; system. pressure drop info. as required			

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC		CTG 9/27/96		NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard									
						Work practice standard records: - Operator training program - Inspection and maintenance plan - Cleaning and washoff solvent accounting system - Spray booth cleaning - Application equipment requirements -Formulation assessment plan records					
Monitoring, Recordkeeping, and Reporting: Emission averaging				N Q	Averaging: - CPDS - Data sheets showing coating and thinner usage	Averaging: - CPDS - Data sheets showing coating and thinner usage					

Table I (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Regulated Component	Pollutant	Rule/Measure/Date									
		Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC = VOC		CTG 9/27/96		NESHAP 12/7/95 *All limits except Strippers are VHAP limits. VHAP limits were not compared with VOC limits.					
		Performance Standard									
				- amount of coating used per day - copies of averaging		- amount of coating used per day - copies of averaging calculation					

Note: Regarding coating requirements - Units are [grams/liter] and {lbs-VOC/lbs-solids} and {lbs-VHAP/lbs-solids} for NESHAPs
Values in () are years future standards are implemented

Table II (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	South Coast AQMD Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
Exemption: Low usage	The VOC content coating and stripper requirements and transfer efficiency requirements shall not apply to facilities that use less than one gallon per day of coating, as applied.	The VOC content of coating and adhesive requirements and transfer efficiency requirements do not apply to facilities that use less than one gallon per day	The provisions of the rule shall not apply to: Wood products coating operations that use a total of less than 20 gallons of coating per year	Small Coating Operations: The provisions of this Rule shall not apply to facilities that use a total of less than 20 gallons of coating per year.	The provisions of the standards, control equipment, and recordkeeping shall not apply to the following: A stationary source which applies less than 500 gallons of coatings to wood products in every consecutive twelve-month period. It shall be the responsibility of any person claiming this exemption to maintain monthly purchase and monthly or daily usage records. These records shall be maintained on-site for three years and made available to the District upon request

Table II (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	South Coast AQMD Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
Exemption: Low emission level		<p>The VOC content of coating and adhesive requirements and transfer efficiency requirements do not apply to coatings that emit not more than 3 pounds of VOC per day and not more than 200 pounds of VOC per year</p> <p>The current limits for VOC coatings and adhesives shall not apply to:</p> <p>a) operations which emit not more than 3 lbs. VOC/hr, before C.E.</p> <p>b) operations which emit not more than 15 lbs VOC/day, before C.E.</p> <p>c) facilities that do not exceed 10 tons/yr theoretical potential emissions</p>		Recordkeeping exemption for low VOC facilities. Low VOC coatings are high solid coatings with a VOC content of no more than [275] and low-solid coating with VOC limit no more than [120]	

Table II (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	South Coast AQMD Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
Exemption: application equipment	<p>Notwithstanding the transfer efficiency requirements a person or facility may use:</p> <p>(A) any spray equipment that uses only coatings that comply with the July 1, 2005 VOC limits; or B) any spray equipment, except conventional air spray, that uses only coatings that contain 550 grams, or less, of VOC per liter of coating, less water and less exempt compounds.</p> <p>The transfer efficiency requirements shall not apply to air brushes with a capacity of four fluid ounces, or less</p>	<p>In spite of the VOC content coating and adhesive requirements a facility may use</p> <p>a) spray equipment that uses only coatings that comply with the 2005 VOC content limits</p> <p>b) spray equipment, except conventional air spray, that uses only coatings that contain 550 g/l, or less, of VOC content</p>		<p>Polyester Resin Application: The application of polyester resin with a VOC content of less than 120 grams VOC per liter (1.0 pound VOC per gallon) shall be exempt from the spray application equipment limitations</p>	<p>The provisions of the standards for application equipment shall not apply to the following: Any coatings when applied by the use of air brushes with a coating capacity of two ounces (59.1 ml) or less.</p>

Table II (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	South Coast AQMD Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
Exemption: Aerosol cans	The provisions of this rule shall not apply to aerosol coating products.	The VOC content of coating and adhesive requirements and transfer efficiency requirements do not apply to the use of aerosol coating products	The provisions of the rule shall not apply to: Aerosol-spray coatings for touch up and repair	The provisions of this Rule shall not apply to the following specific coating operations: Coating applied from aerosol cans subject to the provisions of Regulation 8, Rule 49	The provisions of the standards, control equipment, and recordkeeping shall not apply to the following: Coatings applied using non-refillable handheld aerosol spray containers.
Exemption: Wood guitars	The VOC limits for coatings and the C.E. option shall not apply to the manufacturing of classic guitars until July 1, 2005.		The provisions of the rule shall not apply to: The application of coatings to wooden musical instruments	Musical Instruments: The provisions of this Rule shall not apply to the application of coatings to musical instruments	The VOC limits for new wood products and refinished wood products shall not apply to coatings applied to wooden musical instruments
Exemption: Touch-up and repair/ Stencil coatings	The VOC content of coatings and strippers requirements shall not apply to touch-up and repair coatings until July 1, 2005.	VOC content of coatings and adhesives shall not apply to refinishing operations or touch-up and repair or stencil coatings	The provisions of the rule shall not apply to: The application of coatings by template in order to add designs, letters, or numbers to wood products	Stencil Coatings: The provisions of this Rule shall not apply to the application of coatings by template in order to add designs, letters or numbers to products. The application of stencil coatings is subject to the provisions of Regulation 8 Rule 4.	The provisions of the standards for application equipment shall not apply to the following: (ii) Any coatings when applied during touch-up operations.

Table II (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	South Coast AQMD Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
Exemption: Refinishing operations	Refinishing, Replacement, and Custom Replica Furniture Operations: Until July 1, 1998, the VOC limits for coatings and the C.E. option shall not apply to any refinishing operations necessary for preservation, to return the wood product to original condition, to replace missing furniture to produce a matching set, or to produce custom replica furniture, provided records are maintained daily for two years as to the amount, type and VOC content of each coating used.		Refinishing, Replacement, and Custom Replica Furniture Operations: The VOC limits, control requirements, and application equipment requirements shall not apply to any refinishing operation necessary for preservation, for returning the wood product to original condition, for replacing missing furniture to complete a matching set, or for producing custom replica furniture, provided records are maintained.	Refinishing, Replacement and Custom Replica Furniture Operations: The provisions of the general wood product limits; the furniture, custom cabinetry and custom architectural millwork limits; and the custom and contract furniture limits shall not apply to any refinishing operation necessary for preservation, to return the wood product or furniture to original condition, to replace missing furniture to produce a matching set , or to produce custom replica furniture.	

Table II (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	South Coast AQMD Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
Exemption: Specific Finishes			Specific Finishes: The VOC limits, control requirements, and application equipment requirements shall not apply to coatings used to produce the following finishes, provided records are maintained as specified in Section 6.1.1: 4.4.1 Crackle lacquers. 4.4.2 Faux finishes. 4.4.3 Imitation wood grain. 4.4.4 Leaf Finishes.	Specific Finishes: The provisions of spray application equipment; custom cabinetry and custom architectural millwork, general wood product limits; custom and contract furniture limits shall not apply to coatings used to produce the following finishes, provided records are maintained as specified in Section 8-32-501: 115.1 Crackle lacquers 115.2 Leaf finishes 115.3 Faux finishes 115.4 Imitation wood grain The application of coatings used to produce these specific finishes is subject to the provisions of Regulation 8, Rule 4.	

Table II (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	South Coast AQMD Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
Exemption: recordkeeping	Notwithstanding the requirements of Rule 109(c)(1), Recordkeeping for Volatile Organic Compound Emissions, any facility that switches to waterborne coatings that meet the July 1, 2005 VOC limits may request written approval from the Executive Officer to record data on up to a quarterly basis, provided the Executive Officer determines that such recordkeeping allows for an equivalent level of enforceability.	Any facility claiming to be exempt still has to meet the recordkeeping requirements			
Exemptions: Other	The VOC content requirements for coatings and strippers shall not apply to japans, provided the VOC content is 700 grams of VOC per liter of coating, less water and exempt compounds, or less, as applied. Notwithstanding the VOC content requirements for coatings and strippers, a		Residential noncommercial operations. Any source which is subject to the evaporative loss minimization requirements of this rule shall be exempt from otherwise applicable portions of Rule 4661 (Organic Solvents). For existing facilities, if an	Patternmaking: The provisions of this Rule shall not apply to the application of coating to wood patterns used as tooling for the foundry industry. See Reg 8 Rule 4 Extreme Environmental Conditions: Any wood product subject to the extreme environmental	.

Table II (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	South Coast AQMD Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
	<p>person or facility may add up to 10% by volume of VOC to a topcoat, primer, sealer or undercoat to avoid blushing of the finish during high humidity provided that:</p> <p>A) the coating is not applied from April 1 to October 31 of any year; and , B) the coating contains acetone and no more than 550 grams of VOC per liter of coating, less water and exempt and exempt compounds, prior to the addition of VOC</p>		<p>incineration device is added or modified for the sole purpose of complying with the requirements of this rule, such a device shall be exempt from the Best Available Control Technology and the Offset requirements of Rule 2201 (New and Modified Stationary Source Review Rule) provided that:</p> <p>The proposed project will not result in an increase in capacity utilization of the unit being controlled The facility operator demonstrates to the satisfaction of the APCO that the proposed project is environmentally beneficial and will not cause or contribute to any violation of a national ambient air quality standard (NAAQS), prevention of significant deterioration (PSD) increment, or air quality related value (AQRV) in a class I area</p>	<p>conditions may be coated pursuant to the custom cabinetry and custom architectural millwork limits</p>	

Table II (1 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	South Coast AQMD Rule 1136 6/14/96	Mojave Desert AQMD Rule 1114 11/25/96	SJUAPCD Rule 4606 12/19/96	BAAQMD Reg 8 Rule 32 6/19/96	San Diego County APCD Rule 67.11 8/13/97
Applicability	The purpose of Rule 1136 is to reduce volatile organic compounds (VOC) emissions from the application of coatings or strippers to, and surface preparation of, any wood products, including furniture, cabinets, shutters, frames and toys. This rule shall not apply to residential noncommercial operations.	This Rule applies to wood product coating operations within the Mojave Desert Air Quality Management District.	The provisions of this rule shall apply to the application of coatings to and surface preparation of wood products, including furniture, cabinets, and custom replica furniture.	The purpose of this Rule is to limit emissions of volatile organic compounds from the application of coatings to, and surface preparation of, any wood products, including furniture, cabinets and custom architectural millwork. This Rule shall not apply to residential noncommercial operations.	1.Except as otherwise provided in Section (b), this rule is applicable to all wood products coating operations. 2 .Any coating operation subject to the requirements of Rules 67.0 or 67.18 shall not be subject to this rule. 3.Rule 66 shall not apply to any coating operation which is subject to this rule.
Comments					

Table II (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC=VOC	CTG 9/27/96	NESHAP 12/7/95 *all limits except strippers are VHAP		
Exemption: Low usage			Not applicable to sources under the following limits, however records must be maintained to demonstrate low usage limits: -less than 250 gal/month, or materials other than used for wood furniture manufacturing, if finishing materials, adhesives, cleaning solvents, and washoff solvents account for at least 90% of annual emissions -no more than 100 gallons per month of wood furniture coatings and adhesives are used -no more than 3,000 gals. Pr rolling 12 month ave. Including no more than 5 tons per rolling 12 month period of any one HAP or 12.5 tons per rolling 12 month period of any combination of HAP		

Note: Units are [grams/liter] and {lbs-VOC/lbs-solids}

Table II (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC=VOC	CTG 9/27/96	NESHAP 12/7/95 *all limits except strippers are VHAP		
Exemption: Low emission level	The ROC limits for new wood products, refinished wood products, and strippers; and application equipment requirements, and surface preparation and clean-up shall not apply to stationary sources emitting less than 200 pounds of ROC per rolling 12 month period from coatings, thinners, solvents and any ROC containing materials used *in wood product coating application operations. Any person claiming this exemption shall maintain monthly records to substantiate this claim. Emissions from aerosol products and degreasing units subject to Rule 74.6.1, 74.6.2 and/or 74.6.3 shall not be included in this determination.				

Note: Units are [grams/liter] and {lbs-VOC/lbs-solids}

Table II (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC=VOC	CTG 9/27/96	NESHAP 12/7/95 *all limits except strippers are VHAP		
Exemption: Application equipment					
Exemption: Aerosol cans	The provisions of this rule shall not apply to aerosol coating products.				
Exemption: Wood Guitars	The ROC limits for new wood products and refinished wood products for Pigmented Coatings, Fillers, Washcoats, Sealers and Clear Topcoats shall not apply to the coating of wooden musical instruments.				
Exemption: Touch-up and repair/Stencil coatings					
Exemption: Refinishing operations					
Exemption: Specific finishes					
Exemption:					

Note: Units are [grams/liter] and {lbs-VOC/lbs-solids}

Table II (2 of 2)
Identification of Performance Standards
Source Category: Wood Product Coatings

Rule/Measure	Rule/Measure				
	Ventura County APCD Rule 74.30 9/10/96 *This rule controls ROC in lieu of VOC, but states in definitions ROC=VOC	CTG 9/27/96	NESHAP 12/7/95 *all limits except strippers are VHAP		
Recordkeeping					
Exemption: Other	This rule shall not apply to the coating of permanently installed building appurtenances such as cabinets, shutters, fences and handrails, except new appurtenances upon initial installation.		Research or laboratory facilities		
Applicability	The provisions of this rule apply to any person who manufactures, supplies, uses, or specifies the use of wood products coatings for commercial use.	Wood furniture manufacturer in a non-attainment area that emits: - PTE 25 tpy VOCs for marginal, moderate, serious or severe -PTE 10 tpy VOCs for extreme	Wood manufacturing facilities that emit or have the potential to emit 10 tons or more of any HAP or 25 tons or more of any combination of HAP		
Comments					

Note: Units are [grams/liter] and {lbs-VOC/lbs-solids}